

that separating cuts and/or trimming cuts can be made with the separating means (12).

2. (Amended) Device according to claim 1,
[characterised] characterized in that the [separating means is
arranged essentially freely slidably in the space in order to
perform precise cuts] element for position detection (11) is
designed for recording information as well as for generating
and processing it into geometrical data and/or image data.

3. (Amended) Device according to claim 1 [or 2],
[characterised] characterized in that the separating means
[comprises at least one circular blade] (12) is controllable
for the removal of areas of different consistency.

4. (Amended) Device for processing flesh, in particular
according to claim 1, [including at least one transport means,
at least one element for position detection as well as at
least one means for removing areas of different consistency
and at least one regulating and/or control device, wherein the
means for removing areas of different consistency communicates
by means of the regulating and/or control device with the
element for position detection].

5. (Amended) Device in particular according to [the preceding] claim 4, [characterised] characterized in that the [means for removing areas of different consistency comprises at least two essentially parallel, spaced-apart circular blades] shading element (9) is arranged between the transmitter (7) and the receiver (8).

6. (Amended) Device [in particular for processing flesh] according to claim 5, [including an element for position detection, wherein this element for position detection comprises at least one transmitter and at least one receiver] characterized in that the separating means (12) is arranged essentially freely slidably in the space in order to make precise cuts.

7. (Amended) Device according to claim 6, [characterised] characterized in that the [transmitter is a light source and the receiver is an optoelectronic system] separating means (12) comprises at least one circular blade.

8. (Amended) Device according to claim 7, [characterised] characterized in that [between transmitter and receiver is arranged at least one shading element] the separating means (12) comprises at least one essentially parallel, spaced-apart circular blade (13), wherein the cutting plane of the at least one circular blade (13) lies essentially perpendicularly to the conveying plane.

9. (Amended) Device according to [one or more of the above] claim[s] 8, characterized in that the separating means [is arranged essentially parallel to the transport means] (12) comprises at least one additional blade (21) whose cutting plane selectively lies essentially parallel or essentially perpendicularly to the conveying plane.

10. (Amended) [Method for processing fish] Device according to claim 9, [characterised] characterized in that [a device according to one or more of the above claims is used] the transmitter (7) is a light source and the receiver (8) is an optoelectronic system.

--11. Device according to claim 10, characterized in that the receiver (8) is a camera.--

--12. Method for processing flesh, including the following steps:

transport of the flesh by a transport means (3) into the processing region of a device for processing flesh, in particular according to claim 11,

detection of the position and/or properties of the flesh by means of an element (11) for position detection by recording information and processing it into data of two kinds,

driving separating means (12) with a regulating and/or control device (22) and performing separating cuts and/or trimming cuts with the aid of the detected data according to a preselected processing program.--

--13. Method according to claim 12, characterized in that the element (11) for position detection processes the recorded information into geometrical data and/or image data and accordingly via the regulating and control means (22) controls the separating means (12) to perform separating cuts and/or trimming cuts.--

--14. Method according to claim 12, characterized in that images are recorded by means of a camera.--